Introduction ....

CV130 is an interface converter that translate the PS/2 keyboard, mouse and monitor signals to regular SUN workstation's keyboard, mouse and monitor signals.

Features ....

• Support Hot plug for PS/2 keyboard and mouse.
• Selectable mouse speed
• With Dip switch(#1,2,3) to select display mode
• With DIP switch(#4,5,6) to select screen saver mode
• No power adapter needed

CV130 fully supports ATEN's existing MasterView KVM switches and console extender products.

When used with a KVM switch, you may control IBM PS/2 PCs, Mac computers and Sun Stations from one keyboard, mouse and monitor.
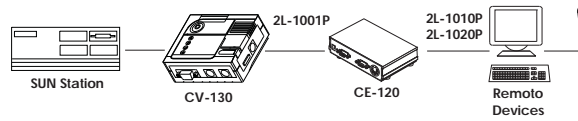
You may also use CV130 with ATEN's console extender which will allow you to control your Sun work station from a remote keyboard, mouse and monitor.

Examples :
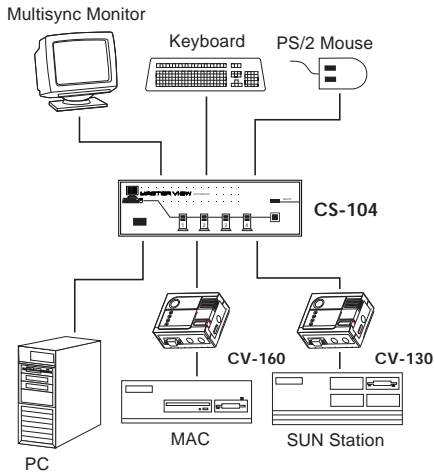
**CS-104 application**

Examples :

CE-120 application

Specifications ....

FUNCTION		CV-130
Power Consumption		50mA(max)
Video in Connector		13W3 / Female
Video Out Connector		HD15 / Female
Sun Keyboard & Mouse Connector		Mini Din 8 Pin / Female
PS/2 Keyboard Connector		Mini Din 6-pin / Female
PS/2 Mouse Connector		Mini Din 6-pin / Female
DIP Switch		8 bits
LED	Active	Green
	Extend	Yellow
	Compose	Yellow
Operation Temperature		5ºC ~ 40ºC
Stock Temperature		-20ºC ~ 60ºC
Humidity		0% ~ 80% (RH)
Enclosure		Plastic
Weight		150g
Dimension (L x W x H)		100 x 80 x 36 (mm)

Installation ....

1. PS/2 mouse to the PS/2 mouse port and the PS/2 keyboard to the PS/2 keyboard port on CV130. Connect the monitor to the HD-15 female port of the CV130.

2. Use a 13W3 male-to-male cable to connect the Sun workstation's video-out port to CV130's Video-in port.

3. Use a MD8 male to male and PIN to PIN Cable to connect the SUN Workstation's keyboard and mouse port to CV-130's keyboard and mouse port.

Examples :
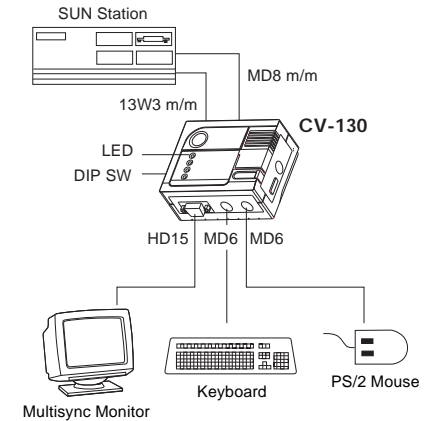
The following products that can be used a CV130 to expand the usage. Contact your dealer for more information.

• **CS104** • **CS122** • **CS1016** •
• **CS1008** • **CS221** • **CE120** •

Dip switch settings ....

1. Use Switch #1, #2 and #3 to select the video mode. See the following table for more information.

DIP Switch Setting			Monitor
SW1	SW2	SW3	Resolution
ON	OFF	OFF	1152 x 900 (76Hz)
ON	ON	OFF	1152 x 900 (76Hz)
OFF	OFF	ON	1152 x 900 (66Hz)
ON	OFF	ON	1280 x 1024 (76Hz)
OFF	ON	ON	1600 x 1280 (76Hz)

2. Use switch #4, #5 and #6 to select the screen saver timeout. See the following table for more information

DIP Switch Setting			Monitor
SW4	SW5	SW6	Time Out
OFF	ON	ON	5 minutes
OFF	OFF	ON	10 minutes
OFF	ON	OFF	20 minutes
OFF	OFF	OFF	30 minutes
ON	X	X	Always ON

3. Use switch #7 to select mouse speed. See the following table for more information

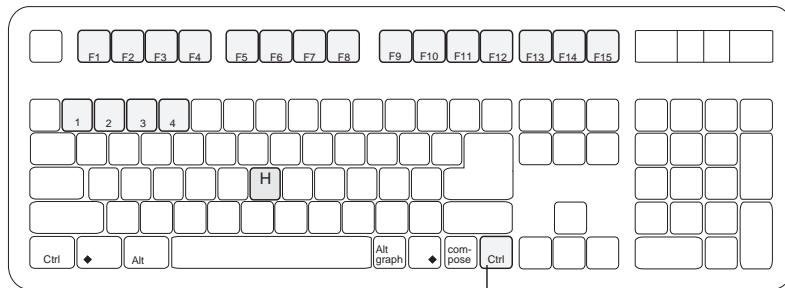| SW7	Mouse Speed
ON	Hi
OFF	Normal

Mouse and Keyboard configuration ....

The mouse that is used with a Sun station has three buttons. Please use a combo mouse (a mouse that can be used as a serial or PS/2 mouse). A combo mouse has three buttons which can fully animate a Sun mouse.

Cross reference table for Sun and PS/2 Keyboard:
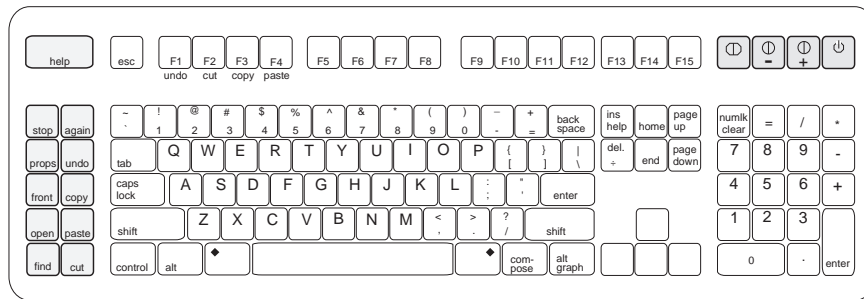

SUN Keyboard maps

PS/2 104 Key Keyboard maps

* These highlight keyboard that associated with R_Ctrl keyboard are able to imitate a SUN keyboard

SUN keyboard emulated by PS/2 keyboard

Win Keyboard	Sun Keyboard
R_Ctrl & F1	Stop
R_Ctrl & F2	Again
R_Ctrl & F3	Props
R_Ctrl & F4	Undo
R_Ctrl & F5	Front
R_Ctrl & F6	Copy
R_Ctrl & F7	Open
R_Ctrl & F8	Paste
R_Ctrl & F9	Find
R_Ctrl & F10	Cut
R_Ctrl & '1'	🔅
R_Ctrl & '2'	🔅 -
R_Ctrl & '3'	🔅 +
R_Ctrl & '4'	⏻
R_Ctrl & 'H'	Help
Right WIN	Right ◆
Left WIN	Left ◆
WIN CMD	Compose
R_ALT	Alt Grapher

* Extend LED = Indicate R_Ctrl Key active

* Compose LED = Indicate Compose Key Latch

* Active LED = Indicate PS/2 KB or Mouse DATA active
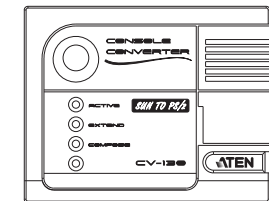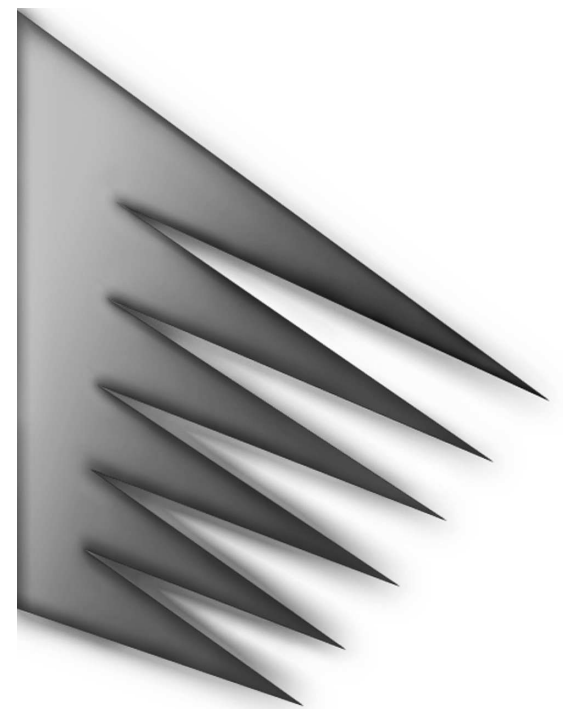
Limited Warranty ....

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and specially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquires please contact your direct vendor.

Preventing Radio & TV Interference ....

WARRING!!! This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operate in a commercial environment. Operations of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

USER'S MANUAL

CV-130

Please read this manual thoroughly and follow the instruction procedures to prevent any damage to the CV-130 and or the connecting devices.

THIS PACKAGE INCLUDES

• One Console Converter CV-130

• User's Manual